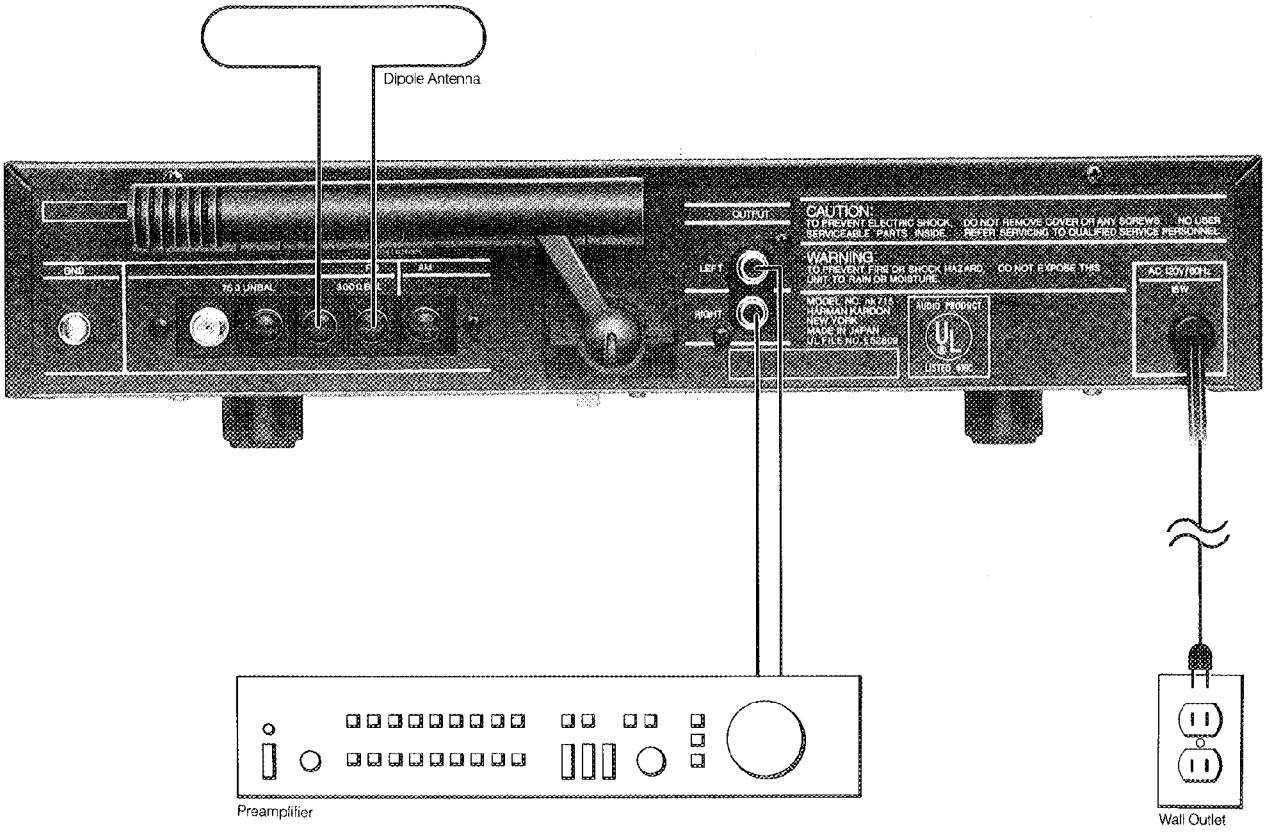
harman/kardon hk715

owner's manual
manuel d'utilisation
bedienungsanleitung
istruzioni
bruksanvisning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AUDIO PRODUCT
AC 120V/60Hz
Preamplifier
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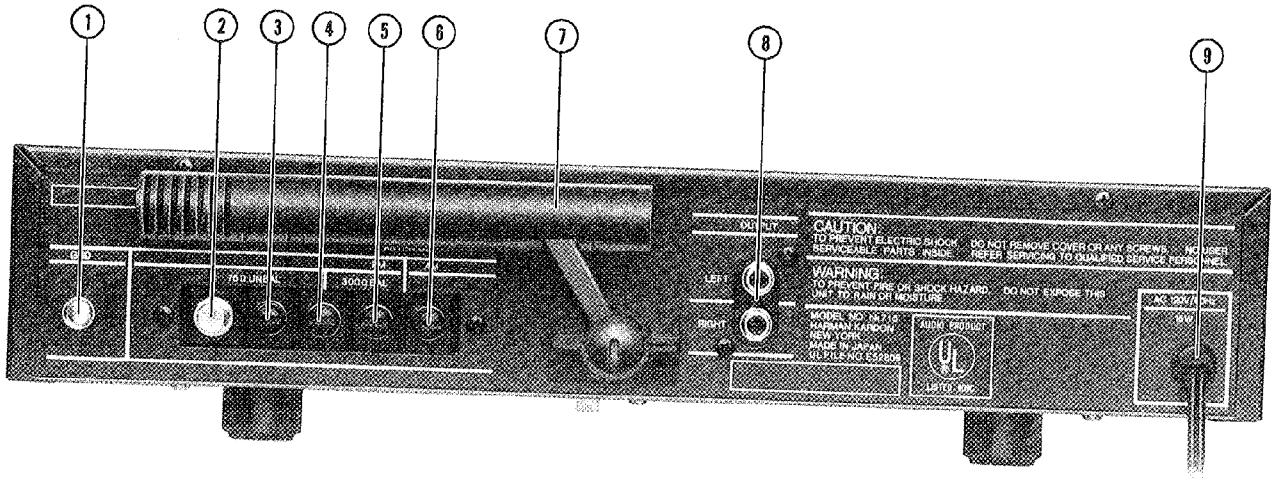
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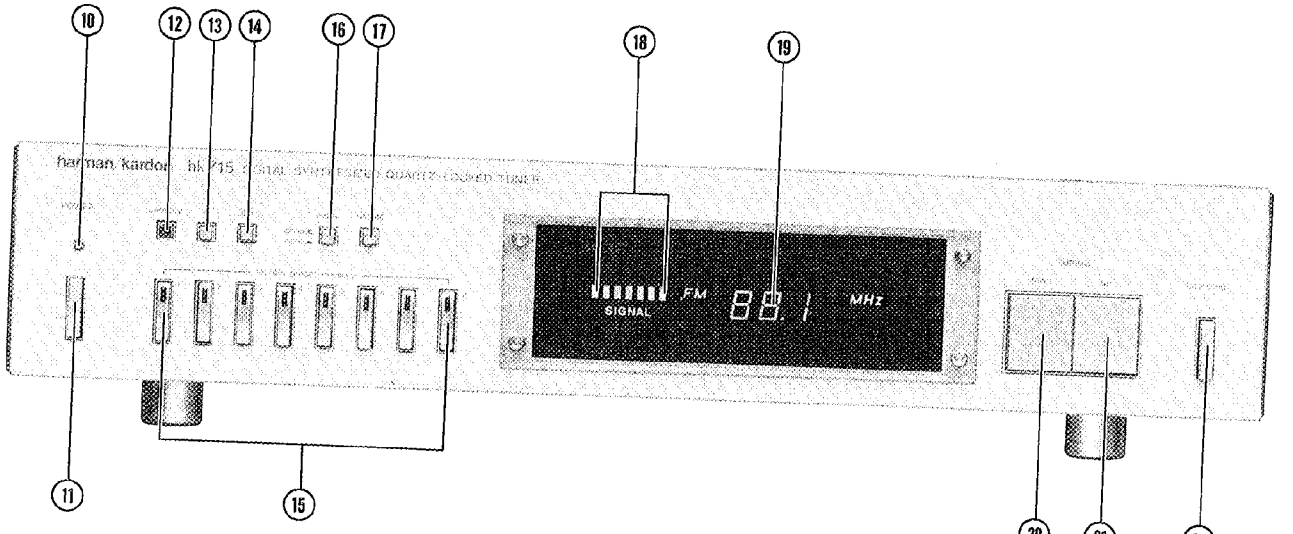
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16
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18
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11
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22
SIGNAL
FM
MHz

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Owner's manual hk715

Your investment in a component high fidelity system indicates you have a more than average interest in music. The fact that your investment includes a Harman Kardon Digital Synthesized Quartz-Locked Tuner shows us your appreciation of uncompromised reproduction of the music you enjoy. Throughout the design and manufacture of this unit, we made every effort to assure it will meet all of your expectations.

To ensure continuing high performance, read this manual carefully before you connect and operate your hk715 tuner.

Warning: To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

Warning: Do not mistake the ferrite loopstick AM antenna for a handle. Its bracket cannot support the unit.

Connections

For the moment, leave the POWER LINE CORD (9) of the hk715 unconnected. Put the unit on the shelf or table where it will be installed. Leave enough working space so you can make all connections easily.

The hk715 requires adequate ventilation. It should not be installed on a cushion or rug, and a minimum of 2 inches' (5cm) clearance should be provided above and behind. (However, hk700 series components may be stacked.)

Connecting FM antennas

If no outdoor antenna is available, connect the lugs of the dipole (supplied with the unit) to the FM 300Ω BAL terminals (4) and (5). The dipole can then be tacked or taped to a wall or the back of a shelf.

However, reception will be greatly improved if the tuner is connected to an outdoor FM antenna system. If you live in a fringe reception area, or if your house is situated among obstructions (such as mountains or tall buildings), you may need a more powerful directional FM antenna.

To connect a 300Ω outdoor antenna wire, attach it as described above.

If your cable is 75Ω, as is the case with many outdoor antennas, it will be round with either two protruding wires or a threaded coaxial connector. If the cable ends in bare wares, connect the wire that forms the outer mesh braid to the terminal marked FM 75Ω UNBAL GND (3). Connect the solid, copper-colored wire protruding from the center of the cable to the FM 300Ω BAL terminal (5). If your 75Ω cable has a threaded coaxial connector, fasten it onto the threaded antenna receptacle (2).

Connecting an AM antenna

A ferrite loopstick type AM ANTENNA (7) is provided and can be rotated to improve reception. If an external AM antenna is used, connect it to the terminal marked AM.

Connecting the hk715 to your amplifier

Like most stereo equipment, your hk715 is fitted with pin type RCA connectors. Using standard pin type RCA patch cords (provided), connect the left OUTPUT connector (8) of the hk715 with the left tuner input on your preamplifier. Connect the right channels similarly. Push the plugs in all the way so they are firmly seated, making good electrical contact.

If your preamplifier does *not* accept pin type RCA connectors, consult your audio dealer for patch cords with proper adapters.

Power connection

If you have completed the connections above, you are now ready to place the hk715 in its permanent position and plug the POWER LINE CORD (9) into an AC outlet. To turn the unit on and off, press the POWER switch (11). When power is on, the POWER indicator (10) will light.

Tuning

When you first turn on the power, the STATION DISPLAY (19) will automatically show "FM 88.10 MHz"*, the lowest FM frequency. To tune to an FM station, press the FM push button (13). To scan to higher frequencies, press the TUNING UP button (21), releasing it when the desired frequency has been found. To scan to lower frequencies, press the TUNING DOWN button (20). During scanning, no sound will be audible at any time, even as you pass frequencies that contain broadcasts. This feature protects your audio system and loudspeakers from sudden high level signals. As you scan, the SIGNAL STRENGTH display (18) will help you locate broadcasts.

To tune to an AM station, press the AM pushbutton (14) and follow the same procedure.

FM muting

The FM muting circuitry eliminates tearing and husky sounds sometimes found when tuning from one station to another.

When the FM MUTING pushbutton (22) is in its "on" position (in), only those stations which have sufficient signal strength for clean reception will be audible. If you wish to receive stations which have weaker signals, you may defeat the muting circuitry by pressing the FM MUTING pushbutton (22) to its "off" position (out).

*"FM 87.50 Mhz" on European models.

FM/AM preset memory

The hk715 allows you to preset up to 8 stations, either FM stations, AM stations or a combination of both. Once registered in the memory, these stations may then be recalled without scanning by depressing the proper FM/AM PRESET MEMORY pushbutton (15).

To register a station in the memory, first locate the station, then press the MEMORY pushbutton (12). The MEMORY pushbutton (12) will light for approximately five seconds. During this time, press any of the eight AM/FM PRESET MEMORY pushbuttons (15). The station has been registered when the light on the preset memory button lights. To return to that station at any time simply push that preset memory button. It is not necessary to press the AM or FM pushbuttons (13) (14). Any time any of the AM/FM PRESET MEMORY buttons (15) are pressed, and the MEMORY button (12) is also depressed, the previously registered station will automatically be cancelled and the new one registered.

Whenever the tuner is turned on, it will automatically tune to the last station you listened to, regardless of whether that station was registered in memory or not.

Note: If power to the hk715 is cut for any reason all present stations will be cancelled from the memory function. Therefore DO NOT CONNECT THE POWER LINE CORD (9) TO A SWITCHED AC OUTLET ON YOUR AMPLIFIER. Using the POWER switch (11) does not affect the memory.

Modes

The MODE pushbutton (16) allows you to listen to FM broadcasts in either stereo or mono modes. To listen to a stereo broadcast in the stereo mode, keep the MODE pushbutton (16) in the STEREO position (out). If the signal is weak, pushing the MODE pushbutton (16) to MONO position (in) may improve reception, but will cancel stereo reception.

For best reception of FM programs *not* broadcast in stereo, keep the MODE pushbutton (16) in the MONO position (in).

Hi blend (MPX filter)

Occasionally, a weak FM stereo broadcast will introduce high-frequency noise or hiss. Depressing the HI BLEND pushbutton (17) will blend some of the high-frequency program content of the left and right channels. This has the effect of reducing noise, at some sacrifice in stereo separation.

Signal strength

Stations are precisely tuned by means of the quartz locked circuitry and displayed in digital form on the FREQUENCY DISPLAY (19). The relative signal strength is shown by means of indicator lights in the SIGNAL STRENGTH display (18). The weakest signals register two indicator lights, the strongest register seven.

Operation precautions

1 When the POWER switch (11) is turned on, there may be a short delay before sound is heard. This is due to the circuitry stabilizing itself.
2 When power is disconnected for any reason other than ON/OFF switching, all stations on preset memory as well as the last station you listened to are cancelled. When power is returned, the FREQUENCY DISPLAY (18) will show "FM 88.10 MHz."* Always use an unswitched AC outlet when powering the hk715 through other components.

*"FM 87.50 MHz" on European models.

Maintaining appearance

Clean the metal panel with mild, diluted detergent applied with a soft cloth or cotton swab. Never use a strong abrasive cleaner.

Remove dust or smudges from the acrylic front window with diluted glass cleaner applied with a soft cloth. Do not use a strong solvent type cleaner or ammonia.

The hk715 is a high quality precision instrument. If the directions in this manual are followed thoughtfully, the tuner should provide many years of musical pleasure.